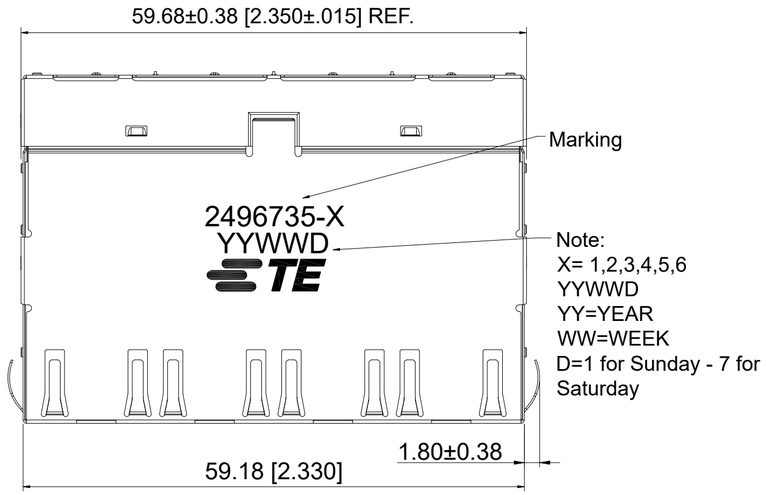
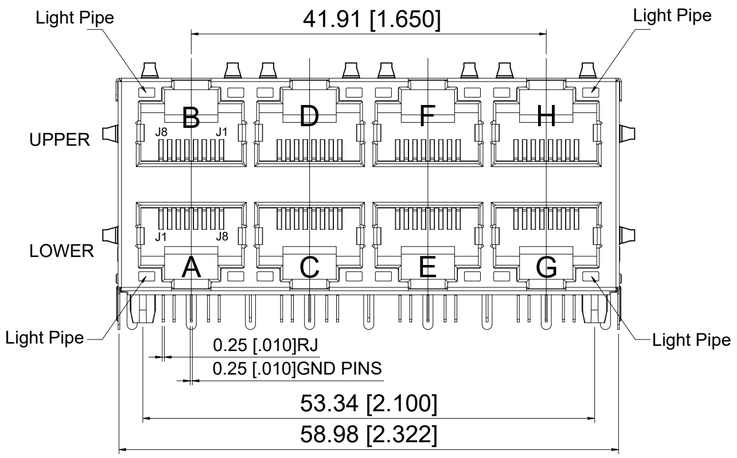
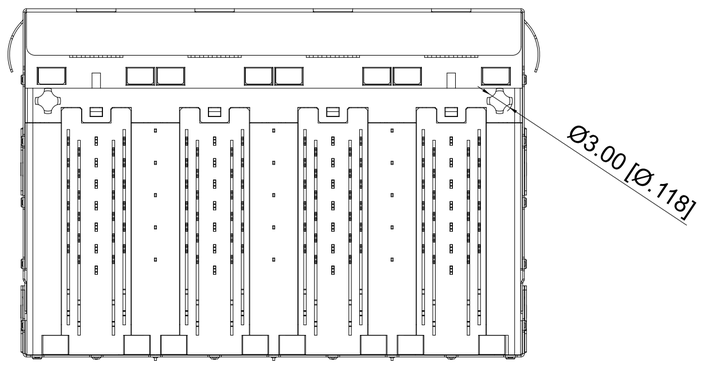
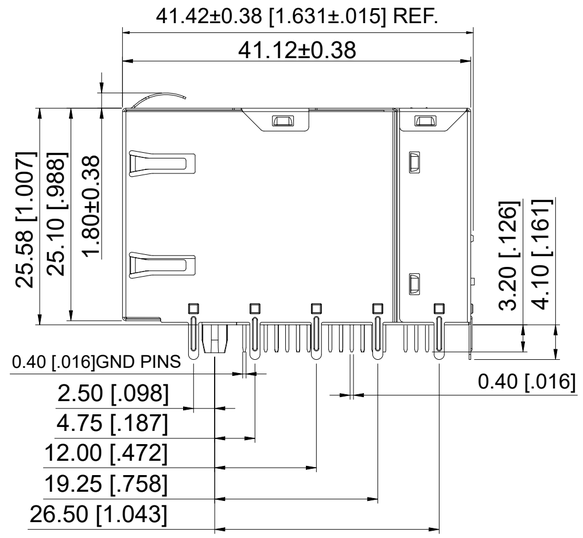
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	REVISED PER ECN-25-301496	10JAN2025	TR	RCG









NOTE :

1. HOUSING:GLASS FILLED PA6T(BLACK) UL94V-0(RoHS)
2. CONTACT: PHOSPHOR BRONZE,50 MICROINCHES MIN. OVERALL DUCTILE NICKEL UNDERPLATE WITH (REFER PART NUMBER TABLE) GOLD AT MATING INTERFACE
3. SHIELD:0.2mm THICKNESS WITH BRASS.
4. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS PART 68 SUBPART F
5. THE PART IS RECOMMENDDED FOR WAVE SOLDERING PROCESS PEAK SOLDERING TEMPERATURE IS 260°C MAX,10 SECS MAX.
6. OPERATING TEMPERATURE:-40°C TO +85°C.
   STORAGE TEMPERATURE:-40°C TO +85°C.

GF	2496735-6
0.0762 µm [3µ"]	2496735-5
0.1524 µm [6µ"]	2496735-4
0.381 µm [15µ"]	2496735-3
0.762 µm [30µ"]	2496735-2
1.27 µm [50µ"]	2496735-1
GOLD PLATING THICKNESS	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± 0.35
2 PLC ± 0.25
3 PLC ± 0.15
4 PLC ± –
ANGLES ± 2°

MATERIAL –
FINISH –

DWN TARUN, R 04NOV2024
CHK RAMESH, KIVADER 04NOV2024
APVD RAGHAVAN, CG 04NOV2024
PRODUCT SPEC 108-161622
APPLICATION SPEC 114-161219
WEIGHT –

TE Connectivity

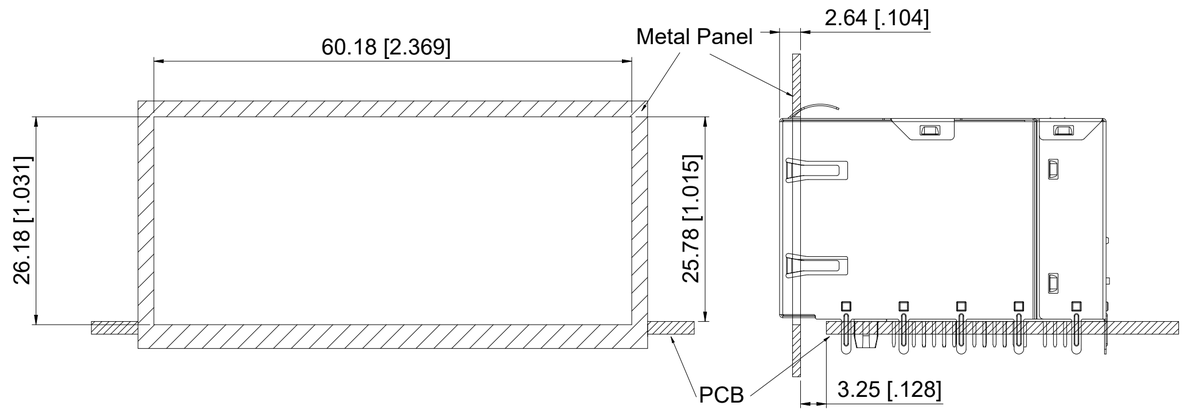
NAME RJ45 W/MAGNET 2X4 5G POE 60W LIGHT PIPE
– –

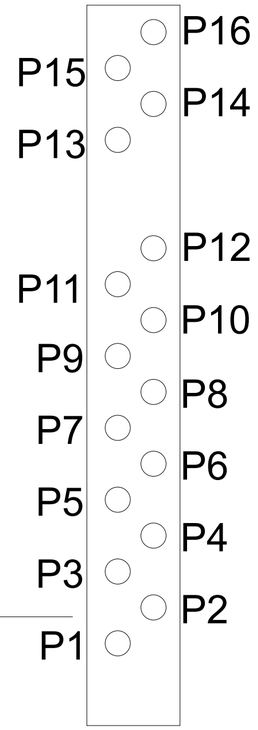
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-2496735	–

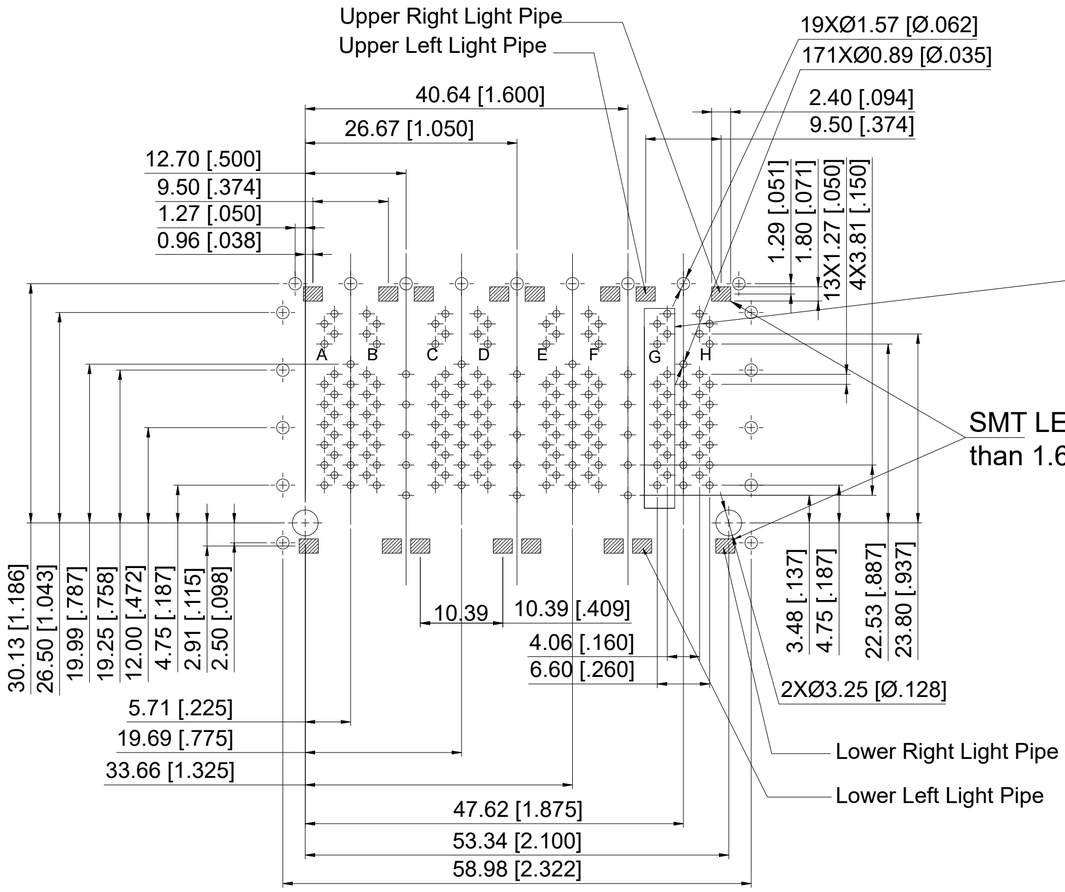
CUSTOMER DRAWING | SCALE 1:1 | SHEET 1 OF 3 | REV A

2496735

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	–	SEE SHEET 1	–	—	—







SMT LED position area, LED height is less than 1.60mm

RECOMMENDED P.C.B LAYOUT
TOP VIEW (COMPONENT SIDE)

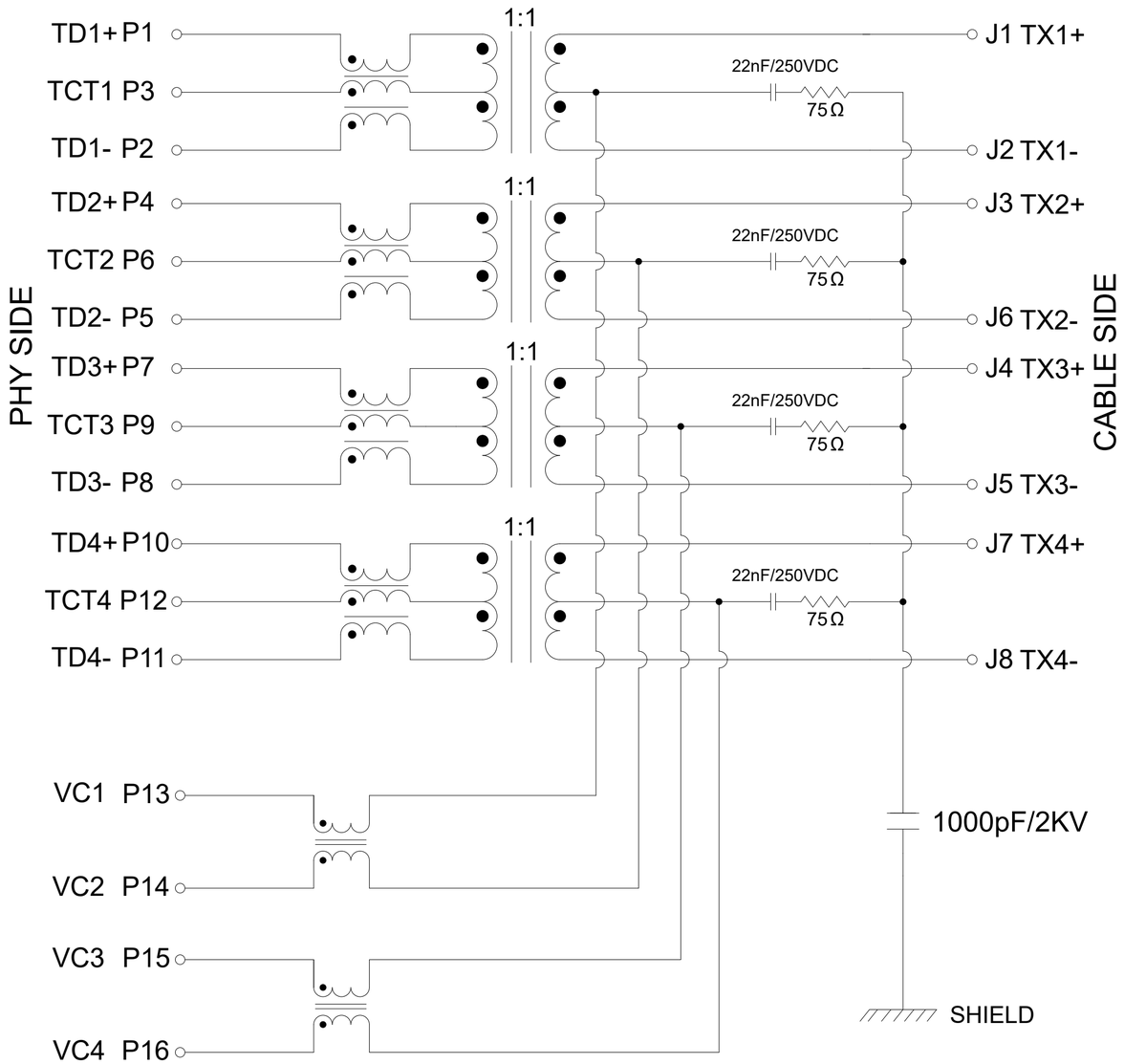
Dimension Tolerance:
PCB LAYOUT Tolerances:±0.05[0.002]

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 04NOV2024 TARUN, R	TE Connectivity		
DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± –; 1 PLC ± 0.35; 2 PLC ± 0.25; 3 PLC ± 0.15; 4 PLC ± –; ANGLES ± 2°	CHK 04NOV2024 RAMESH, KIVADER	NAME RJ45 W/MAGNET 2X4 5G POE 60W LIGHT PIPE – –		
		APVD 04NOV2024 RAGHAVAN, CG	PRODUCT SPEC 108–161622		
			APPLICATION SPEC 114–161219	SIZE A2	CAGE CODE 00779
MATERIAL –	FINISH –	WEIGHT –	DRAWING NO C-2496735	RESTRICTED TO —	
		CUSTOMER DRAWING	SCALE 1:1	SHEET 2 OF 3	REV A

2496735

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	–	SEE SHEET 1	–	—	—

Schematic



PARAMETER	SPECIFICATIONS
OPERATING TEMPERATURE	-40°C To +85°C
TURNS RATIO	1:1±2%
OPEN CIRCUIT INDUCTANCE(OCL)	120uH MIN@100KHz/100mV With 15mA DC Bias For(CHANNEL1,2,3,4)
INSERTION LOSS(IL)	-0.5dB MAX@1MHz-50MHz; -1.0dB MAX@50MHz-125MHz; -2.0dB MAX@125MHz-200MHz; -2.5dB MAX@200MHz-250MHz;
RETURN LOSS(RL) (Z out=100 OHM)	-20dB MIN@1MHz-50MHz; -20+15LOG(f/40MHz)dB MIN@50MHz-250MHz;
CROSSTALK (ADJACENT CHANNELS)	-25dB MIN@1MHz-125MHz; -20dB MIN@125MHz-250MHz;
COMMON MODE REJECTION RATIO(CMRR)	-20dB MIN@1MHz-250MHz;
COMMON TO DIFFERENTIAL MODE REJECTION(REF)	-20dB MIN@1MHz-250MHz;
HI-POT	2250 VDC@60 SECONDS
DC CURRENT/VOLTAGE RATING-PSE PINS	720mA MAXIMUM@57VDC(CONTINUOUS)

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DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± 0.35
2 PLC ± 0.25
3 PLC ± 0.15
4 PLC ± –
ANGLES ± 2°

MATERIAL –

FINISH –

DWN TARUN, R 04NOV2024
CHK RAMESH, KIVADER 04NOV2024
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PRODUCT SPEC 108-161622
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WEIGHT –

TE Connectivity

NAME RJ45 W/MAGNET 2X4 5G POE 60W LIGHT PIPE
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–

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-2496735	—

CUSTOMER DRAWING | SCALE 1:1 | SHEET 3 OF 3 | REV A

2496735

1471-9 (1/15)